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DEWALT 25DU74

DEWALT Cordless Grease Gun 14 oz. (Model 25DU74) Instruction Manual

Comprehensive instructions for safe and effective operation and maintenance.

Introduction

Thank you for choosing the DEWALT Cordless Grease Gun, Model 25DU74. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your tool. Please read this manual thoroughly before use and retain it for future reference.



Figure 1: The DEWALT Cordless Grease Gun (Model 25DU74) kit, including the yellow and black grease gun, a battery charger, and a black carrying case with the DEWALT logo. The grease gun features a flexible hose and nozzle.

General Safety Instructions

Always follow basic safety precautions to reduce the risk of injury or damage. Keep this manual handy for reference.

- **Read all instructions:** Familiarize yourself with the tool's operation and safety guidelines.
- **Wear appropriate personal protective equipment (PPE):** Always wear safety glasses, gloves, and other

necessary protective gear.

- **Keep work area clean and well-lit:** Cluttered or dark areas invite accidents.
- **Do not operate in explosive atmospheres:** Do not use the tool in the presence of flammable liquids, gases, or dust.
- **Keep children and bystanders away:** Distractions can cause you to lose control.
- **Use the correct grease type:** This tool is designed for grease types up to NLGI #2.
- **Disconnect battery before making adjustments or changing accessories:** This prevents accidental starting.
- **Store idle tools:** When not in use, store tools in a dry, high, or locked-up place out of reach of children.

Product Components

The DEWALT Cordless Grease Gun (Model 25DU74) includes the following main components:

- Cordless Grease Gun Body
- Battery (18.0 NiCad, 2.0Ah capacity)
- Battery Charger
- Flexible Hose (42 inches long)
- Pistol Grip Nozzle Extension
- Grease Tube (1-1/2 inches pipe length, silver carbon steel)
- Carrying Case

Setup Instructions

1. Battery Charging and Installation

1. Insert the battery into the charger. Ensure proper alignment.
2. Plug the charger into a standard electrical outlet. Allow the battery to charge fully before first use. Refer to the charger's manual for specific charging indicators.
3. Once charged, slide the battery into the base of the grease gun handle until it clicks securely into place.

2. Loading a Grease Cartridge

The grease gun accommodates 14-1/2 oz. cartridges or 16 oz. bulk grease.

1. Unscrew the barrel from the grease gun head.
2. Pull the plunger rod all the way back and lock it into place.
3. Remove both ends of the grease cartridge.
4. Insert the cartridge into the barrel.
5. Screw the barrel back onto the grease gun head.
6. Release the plunger rod.
7. Bleed any air from the system by pressing the air bleed valve (if present) while gently pushing the plunger rod.

3. Attaching the Hose and Nozzle

1. Screw the flexible hose (42 inches) securely onto the grease gun's outlet port.
2. Attach the pistol grip nozzle extension to the end of the flexible hose. Ensure all connections are tight to prevent leaks.

Operating Instructions

1. Pre-Operation Checks

- Ensure the battery is fully charged and securely installed.
- Verify the grease cartridge is properly loaded and air has been bled.
- Check all hose and nozzle connections for tightness.

2. Greasing Procedure

1. Clean the grease fitting on the component to be lubricated.
2. Press the nozzle firmly onto the grease fitting.
3. Depress the trigger to dispense grease. The tool features variable speeds for controlled application.
4. Observe the component for signs of lubrication (e.g., grease oozing from seals).
5. Release the trigger to stop grease flow.
6. Carefully remove the nozzle from the fitting.

Note: The maximum operating pressure is 9000 PSI. The tool delivers approximately 5 oz. of grease per minute.

Maintenance

1. Cleaning

- Disconnect the battery before cleaning.
- Wipe down the tool with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Clean any excess grease from the nozzle and hose after each use.

2. Storage

- Store the grease gun in its carrying case in a dry, secure location, away from direct sunlight and extreme temperatures.
- Ensure the battery is removed from the tool before storage.
- For long-term storage, charge the battery periodically to maintain its life.

Troubleshooting

Problem	Possible Cause	Solution
Grease gun not dispensing grease.	• Empty grease cartridge. • Air lock in the system. • Clogged nozzle or hose. • Low battery charge.	• Replace cartridge. • Bleed air from the system. • Clean or replace nozzle/hose. • Charge battery.
Grease leaking from connections.	• Loose connections. • Damaged O-rings or seals.	• Tighten all connections. • Inspect and replace damaged O-rings/seals.
Tool not turning on.	• Battery not installed correctly. • Battery discharged. • Tool malfunction.	• Re-install battery securely. • Charge battery. • Contact DEWALT service center.

Specifications

Feature	Detail
Model Number	25DU74
Battery Type	18.0 NiCad
Battery Capacity	2.0Ah
Cartridge Capacity	14-1/2 oz.
Bulk Capacity	16 oz.
Max Operating Pressure	9000 PSI
Volume Per Minute	5 oz.
Hose Length	42 inches
Pipe Length (Grease Tube)	1-1/2 inches
Grease Type	Up to NLGI #2
Tool Length	17 inches
Tool Weight	10.6 lbs
Product Dimensions	24 x 14 x 5 inches

Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official DEWALT website. Keep your proof of purchase for warranty claims.
DEWALT Official Website: Visit the DEWALT Store on Amazon

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